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ABSTRACT

In fall 1981, a study was conducted of the 386 Los Angeles City College (LACC) students who transferred to the California State University at Los Angeles (CSULA) in fall 1977. The study, which examined student persistence through the third year after transfer and determined graduation rates, was a follow-up to an earlier study of student persistence through the first two years. Information on units attempted and completed, grade point average (GPA), declared major, and division in which enrolled was obtained from CSULA quarterly reports to LACC, while graduation statistics were determined using CSULA commencement programs for 1978 through 1981. Selected findings include the following: (1) three years after transferring, 24% of the students were still in attendance at CSULA; (2) by spring 1980, 17% of the students had received a bachelor's degree and by spring 1981, 25% had earned the degree; (3) bachelor's degrees were awarded for 31 different majors in five schools; the most frequently awarded were degrees in business; (4) 52% of the degrees were awarded to females, who constituted 48% of the study group; and (5) while students in the School of Business and Economics had average GPA's significantly below those in other schools in the first two years, the gap closed somewhat during the third year. The study report details methodology and findings and includes extensive data tables. Selected findings from the two-year persistence study are included for comparison. (Author/KL)

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LOS ANGELES CITY COLLEGE

"PERSISTENCE OF FALL 1977 TRANSFERS TO CSULA: SECOND REPORT"

Research Study #81-9

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Ben K. Gold
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October 1981

JC 810 630

PURPOSE OF THE STUDY

Transfer records furnished to LACC from four year universities and colleges vary widely in scope, format, and type of information provided. Almost all, however, have one characteristic in common: whatever information is furnished is limited to first semester (or quarter) performance. California State University at Los Angeles provides an exception to this policy, in that for each quarter complete grade reports are sent for every transfer enrolled, no matter how long he or she has been there.

It thus seemed appropriate to obtain some information about how LACC transfer students perform at CSULA beyond their first semester at the transfer institution. Research Study #80-5 looked at persistence throughout the first two years after transfer, and this second report examines persistence through a third year and also investigates graduation (bachelor's degree) rates.

PROCEDURE OF THE STUDY

The 386 students transferring to CSULA in Fall 1977 are the subjects of this study. They were identified as first quarter Fall 1977 students by selecting from the entire batch of Fall 1977 reports those students whose first quarter totals equaled the grand total of their work at CSULA. Grade reports for succeeding quarters were identified for these students, and analyzed as described below. Information recorded for each student for each quarter included units attempted, units completed, grade points, declared major, school in which enrolled. Information concerning students who obtained the Bachelor's degree was obtained by checking names listed in the CSULA commencement programs for 1978, 1979, 1980 and 1981.

FINDINGS

Table 1 indicates the numbers (and percents) of students who started and completed each of the nine academic year quarters from Fall 1977 through Spring 1980, sorted by sex and school of major field (that stated for the particular quarter indicated). Figures 1,2 and 3 present this information graphically.

Table 2 (also Figure 4) indicates GPA's earned for each of the nine quarters.

Table 3 shows the number of specific majors for each of the quarters, with Table 4 summarizing the totals for each of the five schools.

Table 5 and 6 present statistics relating to the awarding of Bachelor's degrees. Table 5 indicates the total numbers awarded, by schools major and sex, while Table 5 (and Fig. 7) provide information as to dates of award.

TABLE 1 - Persistence Rates of Fall 1977 LACC Transfers to CSULA, 1st Year

Major	Sex	Fall 1977		Winter 1978		Spring 1978	
		Start	Compl.	Start	Compl.	Start	Compl.
(0) Undecided	Male	27	23	19	17	14	14
	%	(100.0)	(85.2)	(70.4)	(63.0)	(51.9)	(51.9)
	Female	40	35	21	16	14	12
	%	(100.0)	(87.5)	(52.5)	(40.0)	(35.0)	(30.0)
	Total	67	58	40	33	28	26
	%	(100.0)	(86.6)	(59.7)	(49.3)	(41.8)	(38.8)
(1) Business & Economics	Male	53	41	40	33	34	29
	%	(100.0)	(77.4)	(75.5)	(62.3)	(64.2)	(54.7)
	Female	35	29	29	25	26	22
	%	(100.0)	(82.9)	(82.9)	(71.4)	(74.3)	(62.9)
	Total	88	70	69	58	60	51
	%	(100.0)	(79.5)	(78.4)	(65.9)	(68.2)	(58.0)
(2) Education	Male	2	2	0	0	0	0
	%	(100.0)	(100.0)	(0.0)	(0.0)	(0.0)	(0.0)
	Female	0	0	0	0	1	1
	%	(100.0)	(100.0)			(50.0)	(50.0)
	Total	2	2	0	0	1	1
	%	(100.0)	(100.0)			(50.0)	(50.0)
(3) Fine & Applied Arts	Male	45	37	30	26	29	26
	%	(100.0)	(82.2)	(66.7)	(57.8)	(64.4)	(57.8)
	Female	46	40	31	26	29	26
	%	(100.0)	(87.0)	(67.4)	(56.5)	(63.0)	(56.5)
	Total	91	77	61	52	58	52
	%	(100.0)	(84.6)	(67.0)	(57.1)	(63.7)	(57.1)
(4) Letters & Science	Male	56	42	33	31	35	33
	%	(100.0)	(75.0)	(58.9)	(55.4)	(62.5)	(58.9)
	Female	65	54	49	44	41	37
	%	(100.0)	(83.1)	(75.4)	(67.7)	(63.1)	(56.9)
	Total	121	96	83	75	76	70
	%	(100.0)	(79.3)	(68.6)	(62.0)	(62.8)	(57.9)
(5) Engin-eering	Male	16	15	11	8	10	10
	%	(100.0)	(93.8)	(68.8)	(50.0)	(62.5)	(62.5)
	Female	1	1	1	1	1	1
	%	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)
	Total	17	16	12	9	11	11
	%	(100.0)	(94.1)	(70.6)	(52.9)	(64.7)	(64.7)
Total	Male	199	160	133	115	122	112
	%	(100.0)	(80.4)	(66.8)	(57.8)	(61.3)	(56.3)
	Female	187	159	131	112	112	99
	%	(100.0)	(85.0)	(70.0)	(59.9)	(59.9)	(52.9)
	Total	386	319	264	227	234	211
	%	(100.0)	(82.6)	(68.4)	(58.8)	(60.0)	(54.7)

(Continued)

TABLE 1 - Persistence Rates of Fall 1977 LACC Transfers to CSULA, 2nd Year

Major	Sex	Fall 1978		Winter 1979		Spring 1979	
		Start	Compl.	Start	Compl.	Start	Compl.
(0) Undecided	Male	7	7	4	4	1	1
	%	(25.9)	(25.9)	(14.8)	(14.8)	(3.7)	(3.7)
	Female	5	2	4	2	2	1
	%	(12.5)	(5.0)	(10.0)	(5.0)	(5.0)	(2.5)
	Total	12	9	8	6	3	2
	%	(17.9)	(13.4)	(11.9)	(9.0)	(4.5)	(3.0)
(1) Business & Economics	Male	30	27	22	17	18	17
	%	(56.6)	(50.9)	(41.5)	(32.1)	(35.8)	(32.1)
	Female	22	19	22	19	22	19
	%	(62.9)	(54.3)	(62.9)	(54.3)	(62.9)	(54.3)
	Total	52	46	44	36	40	36
	%	(59.1)	(52.3)	(50.0)	(40.9)	(45.5)	(40.9)
(2) Education	Male	1	1	1	1	1	1
	%	(50.0)	(50.0)	(50.0)	(50.0)	(50.0)	(50.0)
	Female	2	2	2	2	1	1
	%						
	Total	3	3	3	3	2	2
	%					(100.0)	(100.0)
(3) Fine & Applied Arts	Male	25	21	20	17	21	17
	%	(55.6)	(56.7)	(44.4)	(37.8)	(46.7)	(37.8)
	Female	31	25	24	23	23	21
	%	(67.4)	(54.3)	(52.2)	(50.0)	(50.0)	(45.7)
	Total	56	46	44	40	44	38
	%	(61.5)	(50.5)	(48.4)	(44.0)	(48.4)	(41.8)
(4) Letters & Science	Male	35	26	31	25	31	29
	%	(62.5)	(46.4)	(55.4)	(44.6)	(55.4)	(51.8)
	Female	40	34	34	30	32	31
	%	(61.5)	(52.3)	(52.3)	(46.2)	(49.2)	(47.7)
	Total	75	60	65	55	63	60
	%	(62.0)	(49.6)	(53.7)	(45.5)	(52.1)	(49.6)
(5) Engineering	Male	10	7	7	7	6	4
	%	(62.5)	(43.8)	(43.8)	(43.8)	(37.5)	(25.0)
	Female	1	1	1	0	0	0
	%	(100.0)	(100.0)	(100.0)	(0.0)	(0.0)	(0.0)
	Total	11	8	8	7	6	4
	%	(64.7)	(47.1)	(47.1)	(41.2)	(35.3)	(23.5)
Total	Male	108	89	85	72	78	69
	%	(54.3)	(44.7)	(42.7)	(36.2)	(39.7)	(34.7)
	Female	101	83	87	76	80	73
	%	(54.0)	(44.3)	(46.5)	(40.0)	(42.8)	(39.0)
	Total	209	172	172	148	158	142
	%	(54.1)	(44.6)	(44.6)	(38.3)	(41.2)	(36.8)

(Continued)

TABLE 1 - Persistence Rates of Fall 1977 LACC Transfers to CSULA, 3rd Year

Major	Sex	Fall 1979		Winter 1980		Spring 1980	
		Start	Compl.	Start	Compl.	Start	Compl.
(0) Undecided	Male	2	1	1	1	1	1
	%	(7.4)	(3.7)	(3.7)	(3.7)	(3.7)	(3.7)
	Female	3	2	2	1	1	1
	%	(7.5)	(5.0)	(5.0)	(2.5)	(2.5)	(2.5)
	Total	5	3	3	2	2	2
	%	(7.5)	(4.5)	(4.5)	(3.0)	(3.0)	(3.0)
(1) Business & Economics	Male	15	15	13	10	9	8
	%	(28.3)	(28.3)	(24.5)	(18.9)	(17.0)	(15.1)
	Female	19	18	16	10	14	13
	%	(54.3)	(51.4)	(45.7)	(28.6)	(40.0)	(37.1)
	Total	34	33	29	20	23	21
	%	(38.6)	(37.5)	(33.0)	(22.7)	(26.1)	(23.9)
(2) Education	Male	1	1	1	1	1	1
	%	(50.0)	(50.0)	(50.0)	(50.0)	(50.0)	(50.0)
	Female	1	1	1	1	1	1
	%						
	Total	2	2	2	2	2	2
	%	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)
(3) Fine & Applied Arts	Male	16	15	12	11	11	9
	%	(35.6)	(33.3)	(26.7)	(24.4)	(24.4)	(20.0)
	Female	14	14	16	14	10	10
	%	(30.4)	(30.4)	(34.8)	(30.4)	)21.7)	(21.7)
	Total	30	29	28	25	21	19
	%	(33.0)	(31.9)	(30.8)	(27.5)	(23.1)	(20.9)
(4) Letters & Science	Male	25	21	21	20	20	19
	%	(44.6)	(37.5)	(37.5)	(35.7)	(35.7)	(33.9)
	Female	24	21	18	15	20	17
	%	(36.9)	(32.3)	(27.7)	(23.1)	(30.8)	(26.2)
	Total	49	42	39	35	40	36
	%	(40.5)	(34.7)	(32.2)	(28.9)	(33.1)	(29.8)
(5) Engin. eering	Male	1	1	2	2	3	3
	%	(6.3)	(6.3)	(12.5)	(12.5)	(18.8)	(18.8)
	Female	0	0	0	0	0	0
	%						
	Total	1	1	2	2	3	3
	%	(5.9)	(5.9)	(11.8)	(11.8)	(17.6)	(17.6)
Total	Male	60	54	50	45	45	41
	%	(30.2)	(27.1)	(25.1)	(22.6)	(22.6)	(20.6)
	Female	61	56	53	41	45	42
	%	(32.6)	(30.0)	(28.3)	(21.9)	(24.6)	(22.5)
	Total	121	110	103	86	90	83
	%	(31.3)	(28.5)	(26.7)	(22.3)	(23.6)	(21.5)

TABLE 2 - GPA's Earned by Fall 1977 LACC Transfers to CSULA

First Year

Major	Sex	Fall 1977 No.	Fall 1977 Avg. UA	Fall 1977 Avg. UC	Fall 1977 GPA	Winter 1978 No.	Winter 1978 Avg. UA	Winter 1978 Avg. UC	Winter 1978 GPA	Spring 1978 No.	Spring 1978 Avg. UA	Spring 1978 Avg. UC	Spring 1978 GPA
0	M	23	10.7	10.3	2.05	17	10.7	9.2	2.17	14	11.6	10.7	2.40
Undecided	F	35	8.4	8.1	2.40	16	8.4	8.2	2.55	12	9.4	8.6	2.41
	T	58	9.3	9.0	2.24	33	9.6	8.7	2.33	26	10.6	9.7	2.40
1	M	41	10.1	8.6	1.84	33	10.2	9.1	1.93	29	9.8	8.1	1.87
Bus. & Econ	F	29	8.8	8.0	2.21	25	9.6	8.4	2.11	22	9.4	8.6	2.39
	T	70	9.5	8.4	1.98	58	10.0	8.8	2.00	51	9.6	8.4	2.09
2	M	2	8.0	8.0	2.31	0	0	0	0	0	0	0	0
Education	F	0	0	0	0	0	0	0	0	1	12.0	12.0	2.33
	T	2	8.0	8.0	2.31	0	0	0	0	1	12.0	12.0	2.33
3	M	37	10.8	10.2	2.51	26	11.6	11.0	2.60	26	10.6	10.0	2.59
Fine & Appl.	F	40	9.7	9.2	2.49	26	9.8	9.5	2.37	26	10.2	9.4	2.36
Arts	T	77	10.2	9.7	2.50	52	10.7	10.2	2.49	52	10.4	9.7	2.48
4	M	42	10.2	8.6	2.22	31	10.5	9.8	2.32	33	11.1	10.2	2.56
Letters &	F	54	9.8	9.4	2.48	44	10.0	9.7	2.58	37	10.1	10.0	2.75
Science	T	96	10.0	9.0	2.37	75	10.2	9.7	2.46	70	10.5	10.1	2.66
5	M	15	12.7	11.3	2.38	8	13.8	13.3	2.90	10	11.7	11.7	2.72
Engineering	F	1	4.0	4.0	2.00	1	4.0	4.0	2.00	1	4.0	4.0	2.00
	T	16	12.1	10.9	2.38	9	12.7	12.2	2.87	11	11.0	11.0	2.69
Totals	M	160	10.6	9.5	2.19	115	10.9	10.0	2.31	112	10.8	9.8	2.40
	F	159	9.3	8.8	2.42	112	9.5	9.1	2.42	99	9.8	9.3	2.52
	T	319	9.9	9.1	2.30	227	10.2	9.6	2.36	211	10.3	9.6	2.45

(Continued)

TABLE 2 - Continued

Second Year

Major	Sex	No.	Fall 1978 Avg. UA	Fall 1978 Avg. UC	Fall 1978 GPA	Winter 1979 No.	Winter 1979 Avg. UA	Winter 1979 Avg. UC	Winter 1979 GPA	Spring 1979 No.	Spring 1979 Avg. UA	Spring 1979 Avg. UC	Spring 1979 GPA
0	M	7	11.7	9.9	2.48	4	13.3	11.3	2.08	1	12.0	12.0	2.33
Undecided	F	2	6.0	6.0	2.33	2	6.0	6.0	2.33	1	8.0	8.0	2.00
	T	9	10.4	9.0	2.46	6	10.8	9.5	2.12	2	10.0	10.0	2.20
1	M	27	9.7	8.9	1.82	17	9.5	9.1	2.20	17	8.9	8.2	2.21
Bus. & Econ.	F	19	9.5	8.1	2.07	19	9.2	8.7	1.97	19	10.0	8.3	1.93
	T	46	9.6	8.5	1.92	36	9.3	8.9	2.08	36	9.5	8.3	2.06
2	M	1	9.0	9.0	3.11	1	12.0	12.0	2.41	1	7.0	7.0	3.00
Education	F	2	11.0	11.0	3.45	2	12.0	12.0	3.46	1	11.0	11.0	3.36
	T	3	10.3	10.3	3.35	3	12.0	12.0	3.11	2	9.0	9.0	3.22
3	M	21	10.9	10.6	2.64	17	12.3	11.1	2.58	17	11.3	10.7	2.71
Fine & Appl.	F	25	11.6	10.8	2.61	23	11.2	10.9	2.48	21	12.5	12.0	2.70
Arts	T	46	11.3	10.7	2.62	40	11.7	11.0	2.53	38	12.0	11.4	2.71
4	M	26	11.9	11.9	3.23	25	12.2	12.7	2.75	29	11.5	11.3	2.64
Letters &	F	34	10.1	10.7	2.78	30	10.7	10.6	2.82	31	10.8	11.2	2.86
Science	T	60	10.9	11.3	3.00	55	11.4	11.6	2.78	60	11.1	11.3	2.75
5	M	7	13.9	13.9	2.97	7	15.1	15.1	2.69	4	12.8	12.5	2.22
Engineering	F	1	4.0	4.0	2.00	0	0	0	0	0	0	0	0
	T	8	12.6	12.6	2.93	7	15.1	15.1	2.69	4	12.8	12.5	2.22
Totals	M	89	11.1	10.7	2.63	72	11.8	11.4	2.55	69	10.8	10.5	2.54
	F	83	10.3	10.0	2.58	76	10.4	10.2	2.53	73	11.1	10.6	2.59
	T	172	10.7	10.4	2.61	148	11.1	10.8	2.54	142	10.9	10.6	2.56

TABLE 2 - Continued

Third Year

Major	Sex	No.	Fall 1979 Avg. UA	Fall 1979 Avg. UC	Fall 1979 GPA	Winter 1980 No.	Winter 1980 Avg. UA	Winter 1980 Avg. UC	Winter 1980 GPA	Spring 1989 No.	Spring 1989 Avg. UA	Spring 1989 Avg. UC	Spring 1989 GPA
0	M	1	8.0	8.0	3.50	1	8.0	8.0	2.42	1	8.0	4.0	1.00
Undecided	F	2	8.0	8.0	2.75	1	8.0	8.0	3.50	1	11.0	16.0	2.36
	T	3	8.0	8.0	3.00	2	8.0	8.0	2.96	2	9.5	10.0	1.68
1	M	15	10.7	10.7	2.55	10	10.8	10.5	2.41	8	10.0	9.5	2.33
Bus. & Econ.	F	18	9.9	9.8	2.49	10	9.5	11.2	2.73	13	9.3	9.8	2.57
	T	33	10.3	10.2	2.52	20	10.2	10.9	2.56	21	9.6	9.7	2.47
2	M	1	7.0	8.0	1.62	1	9.0	13.0	1.77	1	11.0	15.0	3.09
Education	F	1	6.0	14.0	4.00	1	13.0	13.0	4.00	1	14.0	14.0	3.71
	T	2	6.5	11.0	2.84	2	11.0	13.0	2.89	2	12.5	14.5	3.40
3	M	15	8.9	8.4	2.81	11	9.1	8.9	2.78	9	11.0	11.7	2.82
Fine & Appl.	F	14	10.1	10.3	2.60	14	9.0	8.7	2.73	10	9.8	9.5	2.57
Arts	T	29	9.5	9.3	2.70	25	9.0	8.8	2.75	19	10.4	10.5	2.68
4	M	21	12.1	11.8	2.48	20	12.1	11.0	2.37	19	9.5	9.7	2.72
Letters &	F	21	9.1	9.4	2.77	15	9.0	9.6	3.11	17	8.8	9.1	2.97
Science	T	42	10.6	10.6	2.61	35	10.7	10.4	2.64	36	9.1	9.4	2.83
5	M	1	12.0	12.0	3.33	2	14.5	12.5	1.97	3	11.7	11.7	1.91
Engineering	F	0	0	0	0	0	0	0	0	0	0	0	0
	T	1	12.0	12.0	3.33	2	14.5	12.5	1.97	3	11.7	11.7	1.91
Totals	M	54	10.7	10.4	2.61	45	11.0	12.5	2.45	41	10.1	10.2	2.57
	F	56	9.5	9.8	2.66	41	9.2	9.7	2.93	42	9.4	9.7	2.75
	T	110	10.1	10.1	2.63	86	10.1	11.2	2.68	83	9.7	10.0	2.66

TABLE 3 - Listed Majors for Fall 1977 LACC Transfers to CSULA

Major	Sex	F'77	W'78	S'78	F'78	W'79	S'79	F'79	W'80	S'80
UNDECIDED										
0000 Undecided	M	27	19	14	7	4	1	1	1	1
	F	40	21	14	5	4	2	2	1	1
	T	67	40	28	12	8	3	3	2	2
SCHOOL OF BUSINESS & ECONOMICS										
1100 Business Administration	M	21	12	10	7	0	1	1	0	1
	F	16	8	7	2	0	0	0	0	0
	T	37	20	17	9	0	1	1	0	1
1103 Business Arts	M	0	0	1	0	1	0	1	1	1
	F	0	0	1	1	1	1	0	0	0
	T	0	0	2	1	2	1	1	1	1
1111 Accounting	M	18	13	12	11	11	7	4	3	3
	F	9	10	7	5	8	8	8	5	5
	T	27	23	19	16	19	15	12	8	8
1112 Business Info Systems	M	3	2	1	1	1	0	0	0	0
	F	1	1	1	1	0	0	0	0	0
	T	4	3	2	2	1	0	0	0	0
1121 Business Education	M	0	0	0	0	0	0	0	0	0
	F	1	1	1	1	2	1	1	1	1
	T	1	1	1	1	2	1	1	1	1
1122 Office Administration	M	0	0	0	0	0	0	0	0	0
	F	0	0	0	0	2	2	1	0	0
	T	0	0	0	0	2	2	1	0	0
1131 Economics	M	1	1	0	0	0	0	0	0	0
	F	1	0	0	1	1	1	1	1	1
	T	2	1	0	1	1	1	1	1	1
1141 Finance	M	1	1	1	2	2	2	2	2	0
	F	2	1	1	2	2	1	0	0	0
	T	3	2	2	4	4	3	2	2	0
1142 Insurance	M	0	0	0	1	1	0	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	0	0	0	1	1	0	0	0	0
1143 Real Estate	M	1	2	1	3	2	2	1	1	0
	F	0	1	1	1	1	1	1	0	1
	T	1	3	2	4	3	3	2	1	1
1151 Management	M	7	6	6	2	1	2	3	2	2
	F	2	2	1	3	1	2	2	0	2
	T	9	8	7	5	2	4	5	2	4
1161 Marketing	M	1	1	0	0	0	0	0	0	0
	F	3	4	4	5	4	5	3	2	2
	T	4	5	4	5	4	5	3	2	2

Continued

TABLE 3 - Continued

Major	Sex	F'77	W'78	S'78	F'78	W'79	S'79	F'79	W'80	S'80
1164 Transportation	M	0	1	1	1	1	0	1	0	0
	F	0	0	0	0	0	0	0	0	0
	T	0	1	1	1	1	0	1	0	0
1165 International Business	M	0	1	1	2	2	3	2	1	1
	F	1	1	0	0	0	1	1	1	1
	T	1	2	1	2	2	4	3	2	2
SCHOOL OF EDUCATION										
2245 Rehab. Counseling	M	2	0	0	1	1	1	1	1	1
	F	0	0	1	2	2	1	1	1	1
	T	2	0	1	3	3	2	2	2	2
SCHOOL OF FINE & APPLIED ARTS										
3311 Art	M	4	1	1	1	1	1	0	0	0
	F	7	6	6	6	4	3	3	3	3
	T	11	7	7	7	5	4	3	3	3
3322 Health & Safety	M	2	0	2	1	0	0	0	0	0
	F	1	1	1	1	1	0	0	0	0
	T	3	1	3	2	1	0	0	0	0
3331 Home Economics	M	0	0	0	0	0	0	0	0	0
	F	4	4	3	5	3	4	2	1	1
	T	4	4	3	5	3	4	2	1	1
3333 Home Economics-Diet	M	1	0	0	0	0	0	0	0	0
	F	3	3	2	2	2	2	1	1	1
	T	4	3	2	2	2	2	1	1	1
3334 Child Development	M	2	2	2	1	2	2	1	1	1
	F	16	11	10	11	8	8	6	6	3
	T	18	13	12	12	10	10	7	7	4
3341 Industrial Arts	M	2	1	1	1	0	0	1	1	1
	F	0	0	0	0	0	0	0	0	0
	T	2	1	1	1	0	0	1	1	1
3344 Industrial Tech (Print)	M	2	1	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	2	1	0	0	0	0	0	0	0
3347 Fire Protect. Admin.	M	1	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	1	0	0	0	0	0	0	0	0
3351 Music	M	7	7	6	6	6	6	5	2	2
	F	0	0	0	0	0	0	0	0	0
	T	7	7	6	6	6	6	5	2	2
3354 Music Performing	M	3	1	1	1	1	1	1	1	1
	F	1	1	1	1	1	1	0	0	0
	T	4	2	2	2	2	2	1	1	1
3362 Nursing-Registered	M	0	0	0	0	0	0	0	0	0
	F	6	2	3	3	3	3	1	1	1
	T	6	2	3	3	3	3	1	1	1

Continued

TABLE 3 - Continued

Major	Sex	F'77	W'78	S'78	F'78	W'79	S'79	F'79	W'80	S'80
3371 Physical Education	M	2	4	4	3	2	3	4	3	2
	F	1	0	0	0	0	0	0	1	0
	T	3	4	4	3	2	3	4	4	2
3381 Criminal Justice (BS)	M	12	8	7	7	6	7	3	3	2
	F	4	3	3	2	2	2	1	1	1
	T	16	11	10	9	8	9	4	4	3
3383 Criminal Justice (MS)	M	1	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	1	0	0	0	0	0	0	0	0
3391 Recreation	M	2	2	2	1	1	1	0	0	0
	F	2	0	0	0	0	0	0	0	0
	T	4	2	2	1	1	1	0	0	0
3401 Theater Arts	M	4	3	3	3	1	0	0	0	0
	F	1	0	0	0	0	0	0	0	0
	T	5	3	3	3	1	0	0	0	0
SCHOOL OF LETTERS & SCIENCE										
4491 Biology	M	7	6	6	3	4	3	2	3	3
	F	4	3	3	1	1	1	1	1	1
	T	11	9	9	4	5	4	3	4	4
4507 Social Science (Undec.)	M	0	0	0	0	0	0	0	0	0
	F	1	0	0	0	0	0	0	0	0
	T	1	0	0	0	0	0	0	0	0
4511 Anthropology	M	0	0	0	0	0	0	0	0	0
	F	1	1	1	2	2	1	1	0	0
	T	1	1	1	2	2	1	1	0	0
4532 Biochemistry	M	1	1	1	1	1	1	1	1	1
	F	1	1	0	0	0	0	0	0	0
	T	2	2	1	1	1	1	1	1	1
4541 English	M	1	1	1	1	0	1	1	1	1
	F	4	5	4	4	3	4	2	2	3
	T	5	6	5	5	3	5	3	3	4
4552 Spanish	M	0	0	0	0	0	0	0	0	0
	F	3	0	1	0	0	0	0	1	1
	T	3	0	1	0	0	0	0	1	1
4553 German	M	0	0	0	0	0	0	0	0	0
	F	1	1	1	0	0	0	0	0	0
	T	1	1	1	0	0	0	0	0	0
4556 Japanese	M	1	1	1	1	1	0	1	1	1
	F	1	1	1	0	0	0	0	0	0
	T	2	2	2	1	1	0	1	1	1
4561 Geography	M	0	1	1	2	1	2	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	0	1	1	2	1	2	0	0	0
4571 Geology	M	1	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	1	0	0	0	0	0	0	0	0

Continued

TABLE 3 - Continued

Major		Sex	F'77	W'78	S'78	F'78	W'79	S'79	S'79	W'80	S'80
4580	Political Science (Und)	M	1	1	1	1	1	0	0	0	0
		F	1	1	0	0	0	0	0	0	0
		T	2	2	1	1	1	0	0	0	0
4581	Poli.Sci.(Publ.Serv.)	M	0	0	0	0	0	0	0	0	0
		F	2	1	1	0	0	0	0	0	0
		T	2	1	1	0	0	0	0	0	0
4582	Poli.Sci.(Pre Legal)	M	1	0	0	0	0	0	0	0	0
		F	0	0	0	0	0	0	0	0	0
		T	1	0	0	0	0	0	0	0	0
4584	Poli.Sci. (General)	M	4	3	2	1	1	2	1	1	1
		F	1	1	0	0	0	0	0	0	0
		T	5	4	2	1	1	2	1	1	1
4591	History	M	2	2	1	2	2	3	2	2	3
		F	4	3	2	2	2	2	0	0	0
		T	6	5	3	4	4	5	2	2	3
4611	Journalism	M	1	1	1	1	0	0	0	0	0
		F	3	2	2	2	1	1	1	0	0
		T	4	3	3	3	1	1	1	0	0
4621	Mathematics	M	0	0	0	0	0	0	0	0	0
		F	1	1	1	1	1	1	0	0	0
		T	1	1	1	1	1	1	0	0	0
4631	Microbiology	M	3	2	2	2	1	1	0	0	0
		F	0	0	0	0	0	0	1	1	1
		T	3	2	2	2	1	1	1	1	1
4632	Medical Tech.	M	10	5	4	5	4	3	2	3	3
		F	4	4	3	3	2	2	1	1	0
		T	14	9	4	8	6	5	3	4	3
4633	Environ.Health Sci.	M	0	0	0	0	1	1	1	1	1
		F	1	0	0	0	0	0	0	0	0
		T	1	0	0	0	1	1	1	1	1
4651	Physics	M	1	1	1	1	1	1	1	0	0
		F	0	0	0	0	0	0	0	0	0
		T	1	1	1	1	1	1	1	0	0
4661	Psychology (BS)	M	5	3	3	3	3	2	2	1	1
		F	10	7	5	5	4	3	2	1	2
		T	15	10	8	8	7	5	4	2	3
4663	Psychology (MS)	M	0	0	0	0	0	0	0	0	0
		F	1	0	0	0	0	0	0	0	0
		T	1	0	0	0	0	0	0	0	0
4671	Sociology-General	M	3	0	0	0	0	0	0	0	0
		F	2	3	3	5	5	4	2	2	2
		T	5	3	3	5	5	4	2	2	2
4672	Sociology-Soc.Welfare	M	3	1	2	3	1	1	1	1	0
		F	0	0	0	0	0	0	0	0	0
		T	3	1	2	3	1	1	1	1	0

Continued

TABLE 3 - Continued

Major	Sex	F'77	W'78	S'78	F'78	W'79	S'79	F'79	W'80	S'80
4673 Social Welfare	M	0	0	0	1	0	0	0	0	0
	F	1	1	1	1	1	0	0	0	0
	T	1	1	1	2	1	0	0	0	0
4681 Speech Communication	M	1	1	0	0	0	1	0	0	0
	F	1	0	0	0	0	0	0	0	0
	T	2	1	0	0	0	1	0	0	0
4683 Drama	M	1	0	0	0	0	0	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	1	0	0	0	0	0	0	0	0
4684 Speech Pathology	M	1	0	0	0	0	0	0	0	0
	F	5	4	4	4	3	2	2	2	2
	T	6	4	4	4	3	2	2	2	2
4685 Broadcast, Radio, T.V.	M	3	1	3	2	4	4	4	2	0
	F	2	1	1	1	1	1	0	0	0
	T	5	1	4	3	5	5	4	2	0
4701 Latin American Studies	M	1	0	0	0	0	0	0	0	0
	F	1	1	1	1	1	1	1	1	1
	T	2	1	1	1	1	1	1	1	1
4711 American Studies	M	2	1	1	1	1	1	0	0	1
	F	1	1	1	1	1	1	1	0	1
	T	3	2	2	2	2	2	1	0	2
4721 Mex.Amer.Studies	M	0	0	1	1	1	1	0	1	1
	F	1	1	1	1	1	1	1	0	0
	T	1	1	2	2	2	2	1	1	1
4731 Liberal Studies	M	2	1	2	2	2	2	2	2	2
	F	7	5	4	6	5	7	5	3	3
	T	9	6	6	8	7	9	7	5	5
4751 Afro American Studies	M	0	0	1	1	1	1	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	0	0	1	1	1	1	0	0	0
SCHOOL OF ENGINEERING										
5801 Engineering-Undec.	M	1	1	1	1	1	0	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	1	1	1	1	1	0	0	0	0
5812 Engineering-Civil	M	8	3	2	2	1	1	1	1	1
	F	0	0	0	0	0	0	0	0	0
	T	8	3	2	2	1	1	1	1	1
5822 Engineering-Electric.	M	5	4	4	4	4	3	0	1	2
	F	1	1	1	1	1	0	0	0	0
	T	6	5	5	5	5	3	0	1	2
5832 Engineering-Mechanical	M	2	3	3	3	1	2	0	0	0
	F	0	0	0	0	0	0	0	0	0
	T	2	3	3	3	1	2	0	0	0

TABLE 4 - Listed Majors for Fall 1977 LACC Transfers to CSULA
(Summary by School)

Major	Sex	F'77	W'78	S'78	F'78	W'79	S'79	F'79	W'80	S'80
UNDECIDED	M	27	19	14	7	4	1	2	1	1
	F	40	21	14	5	4	2	3	2	1
	T	67	40	28	12	8	3	5	3	2
SCHOOL OF BUSINESS & ECONOMICS	M	53	40	34	30	22	18	15	13	9
	F	35	29	26	22	22	22	19	16	14
	T	88	69	60	52	44	40	34	29	23
SCHOOL OF EDUCATION	M	2	0	0	1	1	1	1	1	1
	F	0	0	1	2	2	1	1	1	1
	T	2	0	1	3	3	2	2	2	2
SCHOOL OF APPLIED ARTS	M	45	30	29	25	20	21	16	12	11
	F	46	31	29	31	24	23	14	16	10
	T	91	61	58	56	44	44	30	28	21
SCHOOL OF LETTERS & SCIENCE	M	56	33	35	35	31	31	25	21	20
	F	65	49	41	40	34	32	24	18	20
	T	121	82	76	75	65	63	49	39	40
SCHOOL OF ENGINEERING	M	16	11	10	10	7	6	1	2	3
	F	1	1	1	1	1	0	0	0	0
	T	17	12	11	11	8	6	1	2	3
TOTAL	M	199	133	122	108	85	78	60	50	45
	F	187	131	112	101	87	80	61	53	45
	T	386	264	234	209	172	158	121	103	90

TABLE 5 - Bachelor's Degrees Awarded to Fall 1977 LACC Transfers by CSULA (through Spring 1981), by School, Major and Sex.

		NUMBER OF DEGREES		
School	Major	Male	Female	TOTAL
Letters & Science		23	27	50
	Psychology	3	4	7
	Liberal Studies	2	4	6
	Broadcasting	4	1	5
	Sociology	0	4	4
	English	0	3	3
	History	2	1	3
	Med. Tech.	2	1	3
	Polit. Science	3	0	3
	Biology	2	0	2
	Geography	2	0	2
	Afro. Am. St.	1	0	1
	Amer. St.	0	1	1
	Anthropology	0	1	1
	Economics	0	1	1
	Eno. Hlth. Sci.	1	0	1
	Journalism	0	1	1
	Lat. Amer. St.	0	1	1
	Mex.-Amer. St.	0	1	1
	Microbiology	1	0	1
	Social Welfare	0	1	1
	Spanish	0	1	1
	Speech Path.	0	1	1
Fine & Applied Arts		10	14	24
	Child Develop.	1	6	7
	Criminal Justice	5	1	6
	Music	4	0	4
	Nursing	0	3	3
	Art	0	2	2
	Home Econ.	0	2	2
Business & Econ.		8	7	15
	Bus. Admin.	8	7	15
Engineering		4	0	4
	Engineering	4	0	4
Education		1	2	3
	Rehab. Counseling	1	2	3
TOTALS		46	50	96

TABLE 6 - Bachelor's Degrees Awarded to Fall 1977 LACC Transfer by CSULA by Sex, School and Date Degree Awarded.

		DATE DEGREE AWARDED										
School	Sex	W79	S79	SS79	F79	W80	S80	SS80	F80	W81	S81	Totals
Letters and Science	M	1	2	2	5	0	6	1	2	2	2	23
	F	2	2	2	4	0	8	2	1	2	4	27
	T	3	4	4	9	0	14	3	3	4	6	50
Fine and Applied Arts	M	0	2	1	0	0	4	0	1	1	1	10
	F	1	1	4	0	2	4	0	0	0	2	14
	T	1	3	5	0	2	8	0	1	1	3	24
Business and Economics	M	0	0	0	0	1	3	0	1	1	2	8
	F	1	0	0	1	0	1	0	0	0	4	7
	T	1	0	0	1	1	4	0	1	1	6	15
Engineering	M	1	1	1	0	0	0	0	0	1	0	4
	F	0	0	0	0	0	0	0	0	0	0	0
	T	1	1	1	0	0	0	0	0	1	0	4
Education	M	0	0	0	0	0	0	0	0	0	1	1
	F	0	0	1	0	0	0	0	0	2	0	2
	T	0	0	1	0	0	0	0	0	1	1	3
Totals	M	2	5	4	5	1	13	1	4	5	6	46
	F	4	3	7	5	2	13	2	1	3	10	50
	T	6	8	11	10	3	26	3	5	8	16	96
Cumulative Total		6	14	25	35	38	64	67	72	80	96	96
Cumulative Total (% of Total Transfers)		1.6	3.6	6.5	9.1	9.8	16.6	17.4	18.6	20.7	24.9	24.9

FIGURE 1 - Persistence of Fall 1977 Transfers to CSULA, According to School of Major.
(in numbers of enrollees)

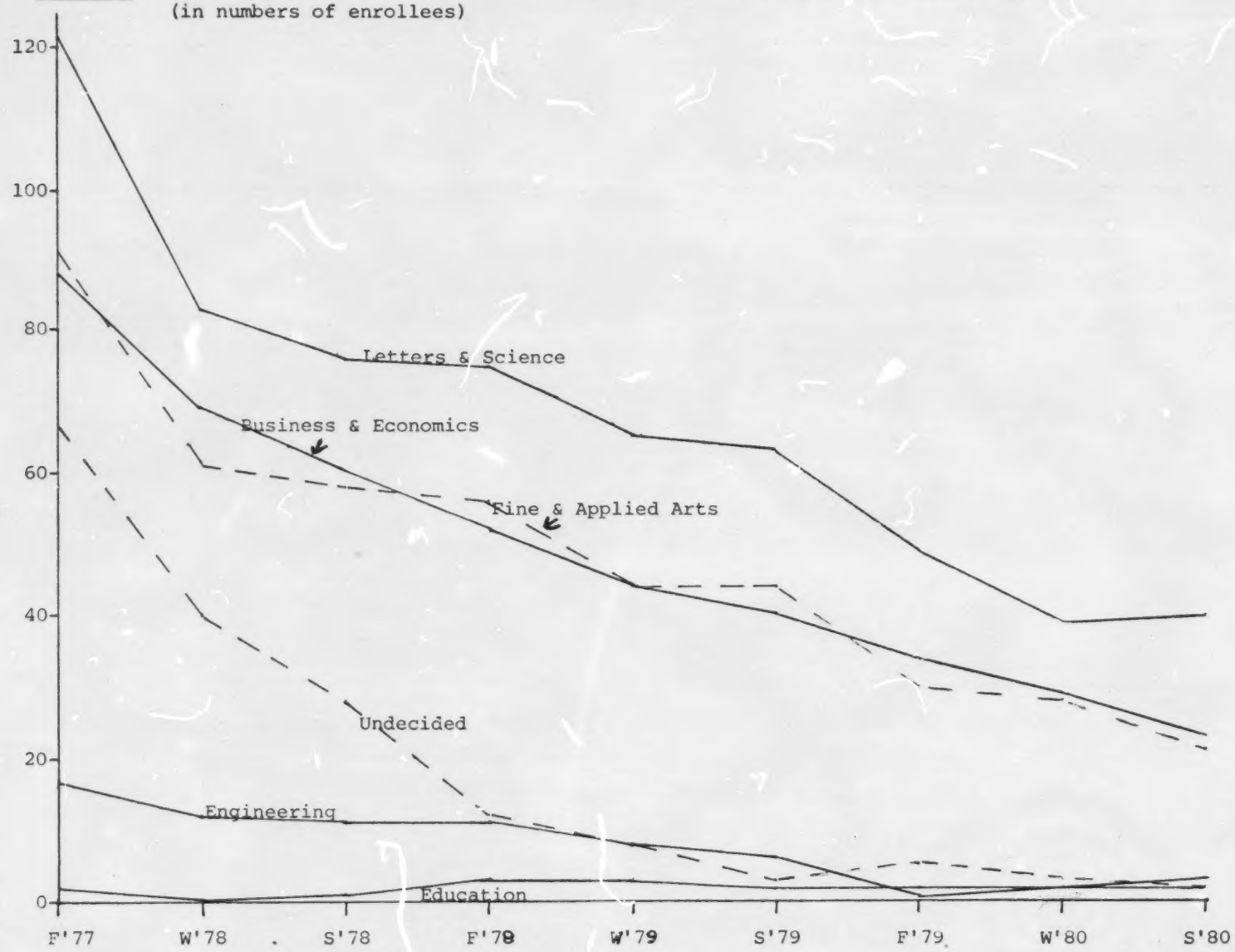


FIGURE 2 - Persistence of Fall 1977 LACC Transfers to CSULA, According to School of Major (in percent)

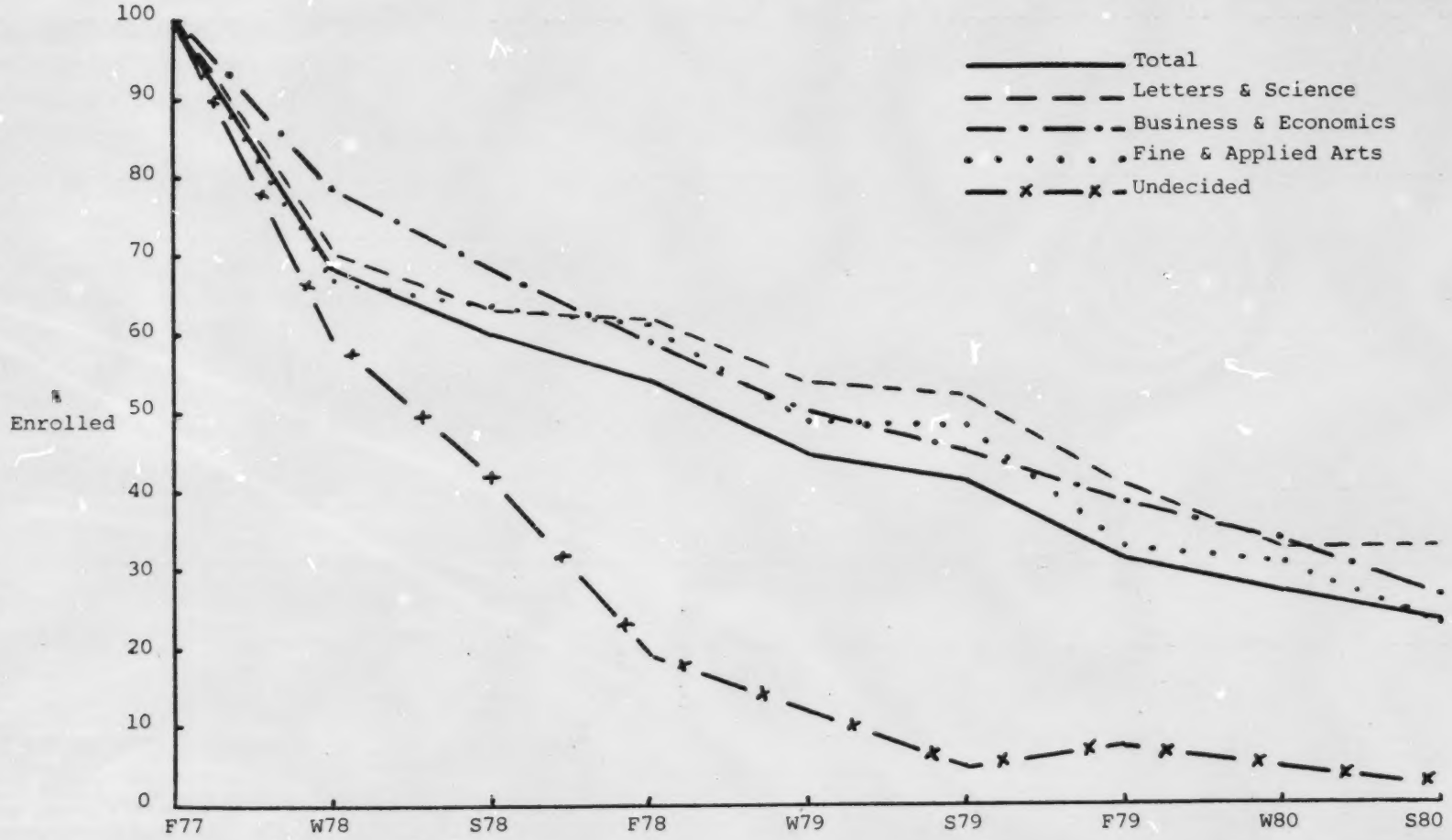


FIGURE 3 - Persistence of Fall 1977 LACC Transfers to CSULA, According to Sex

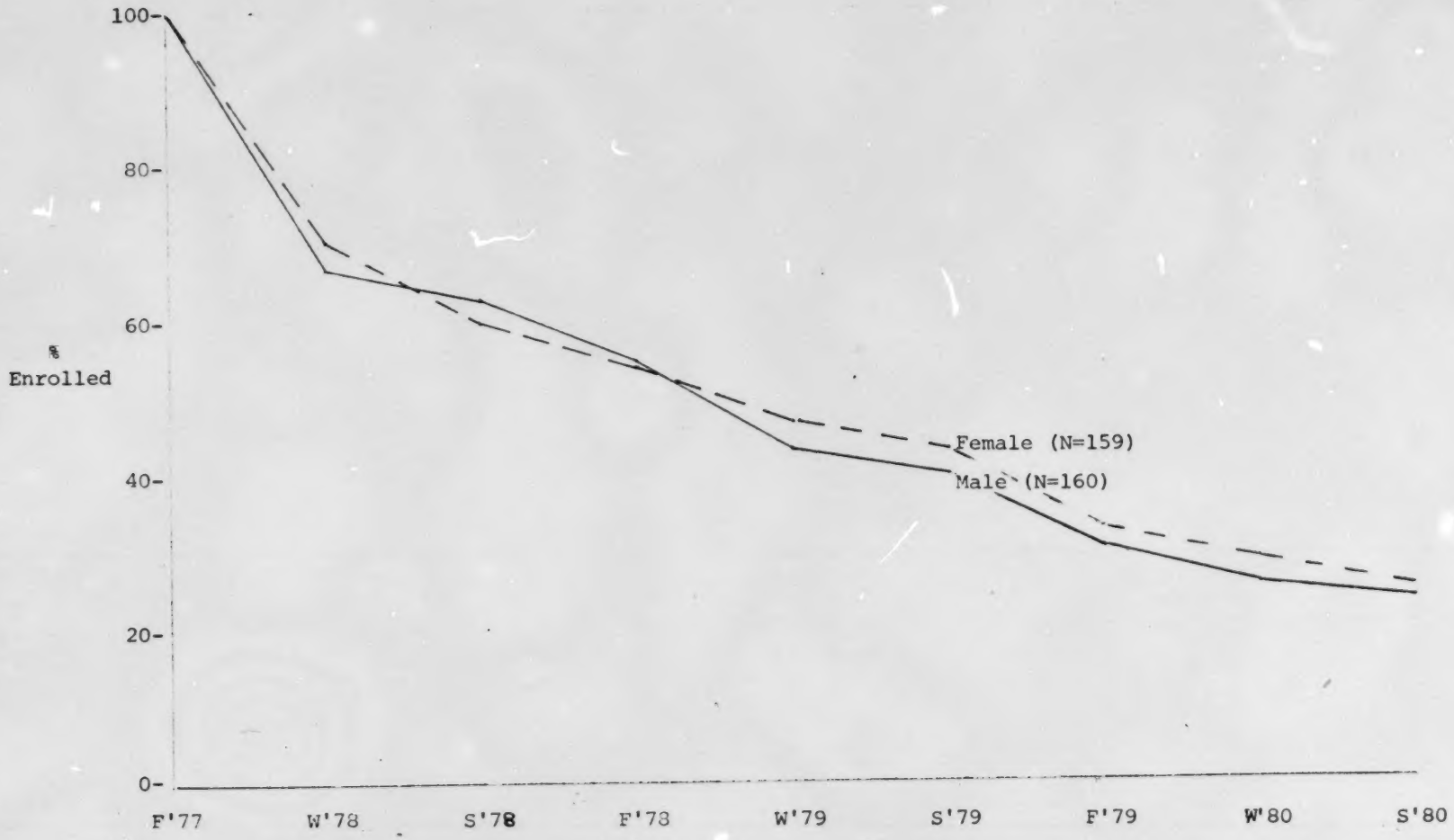


FIGURE 4 - GPA's Earned at CSULA by LACC Fall 1977 Transfers, According to School of Major

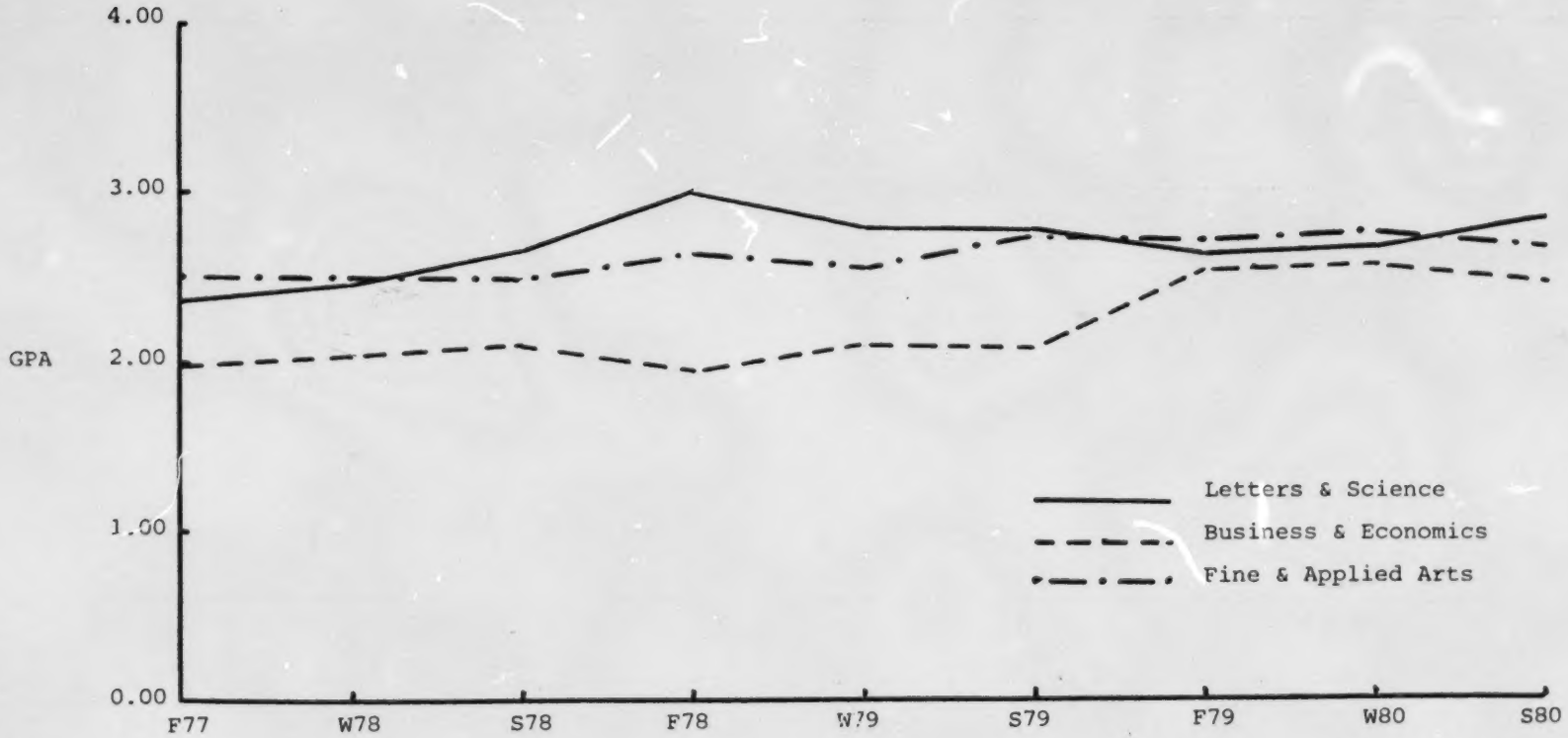


FIGURE 5 - GPA's Earned at CSULA by Fall 1977 LACC Transfers, According to Sex

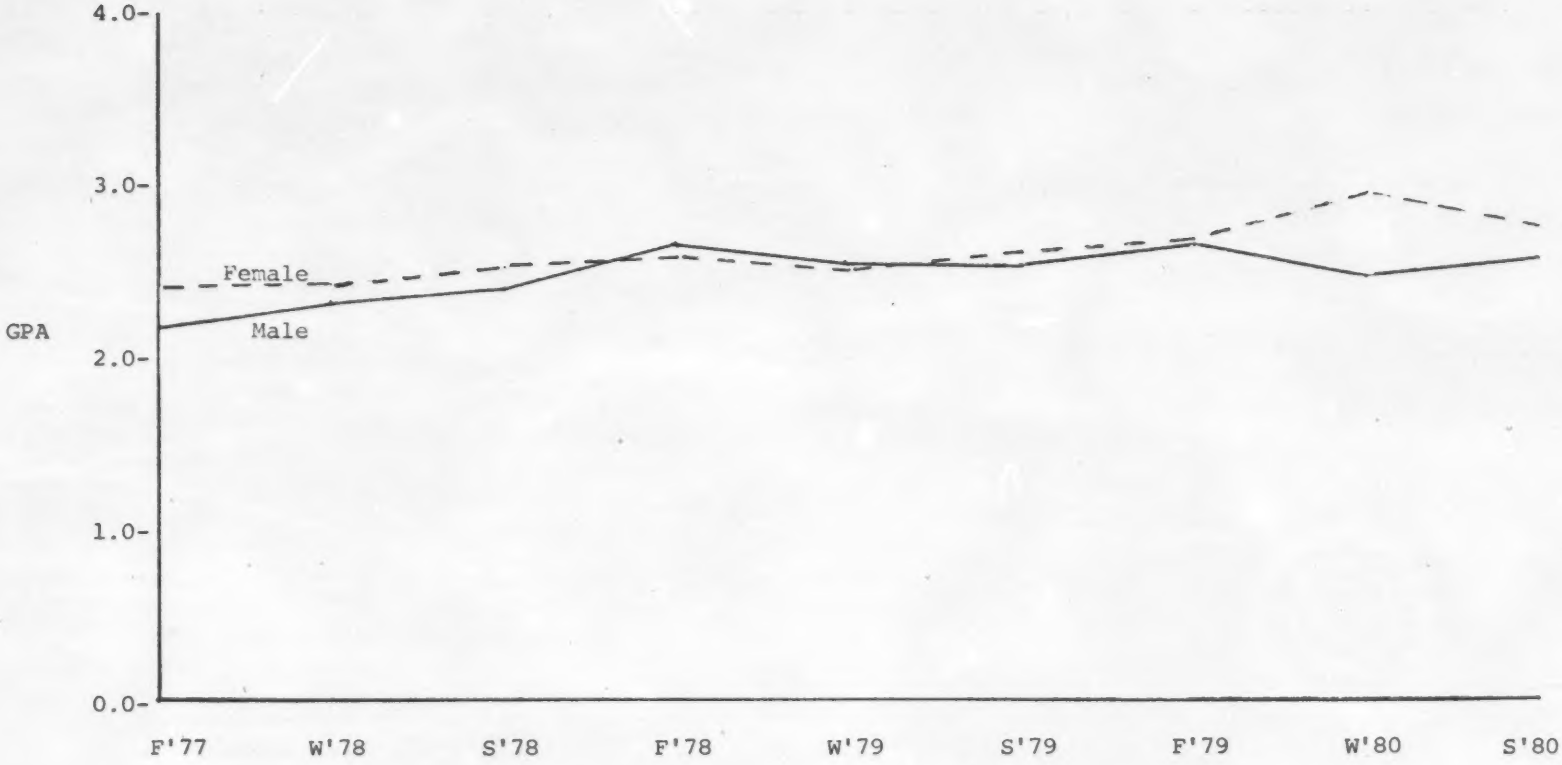


FIGURE 6 - Distribution of Majors According to School (% of total for each quarter)

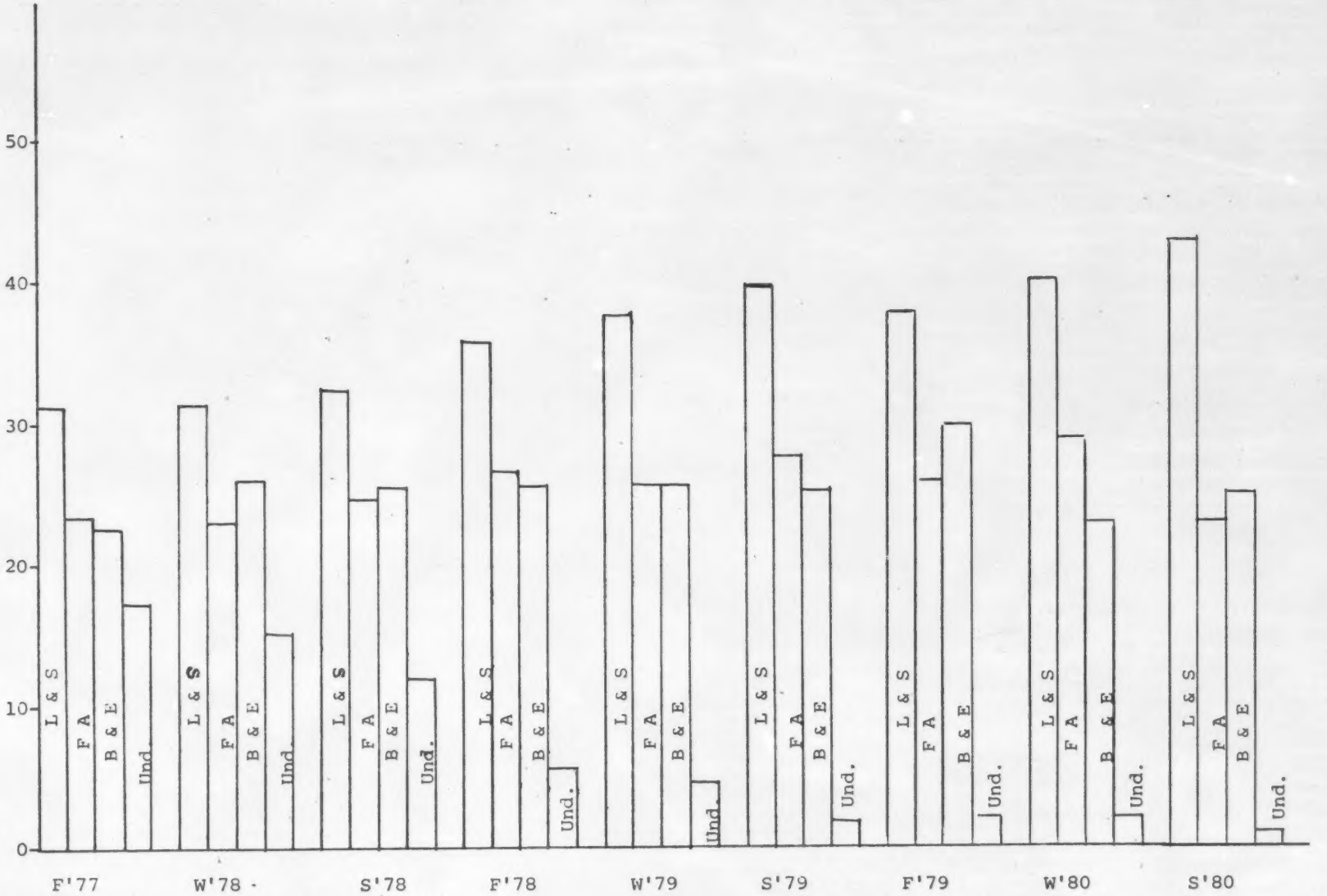
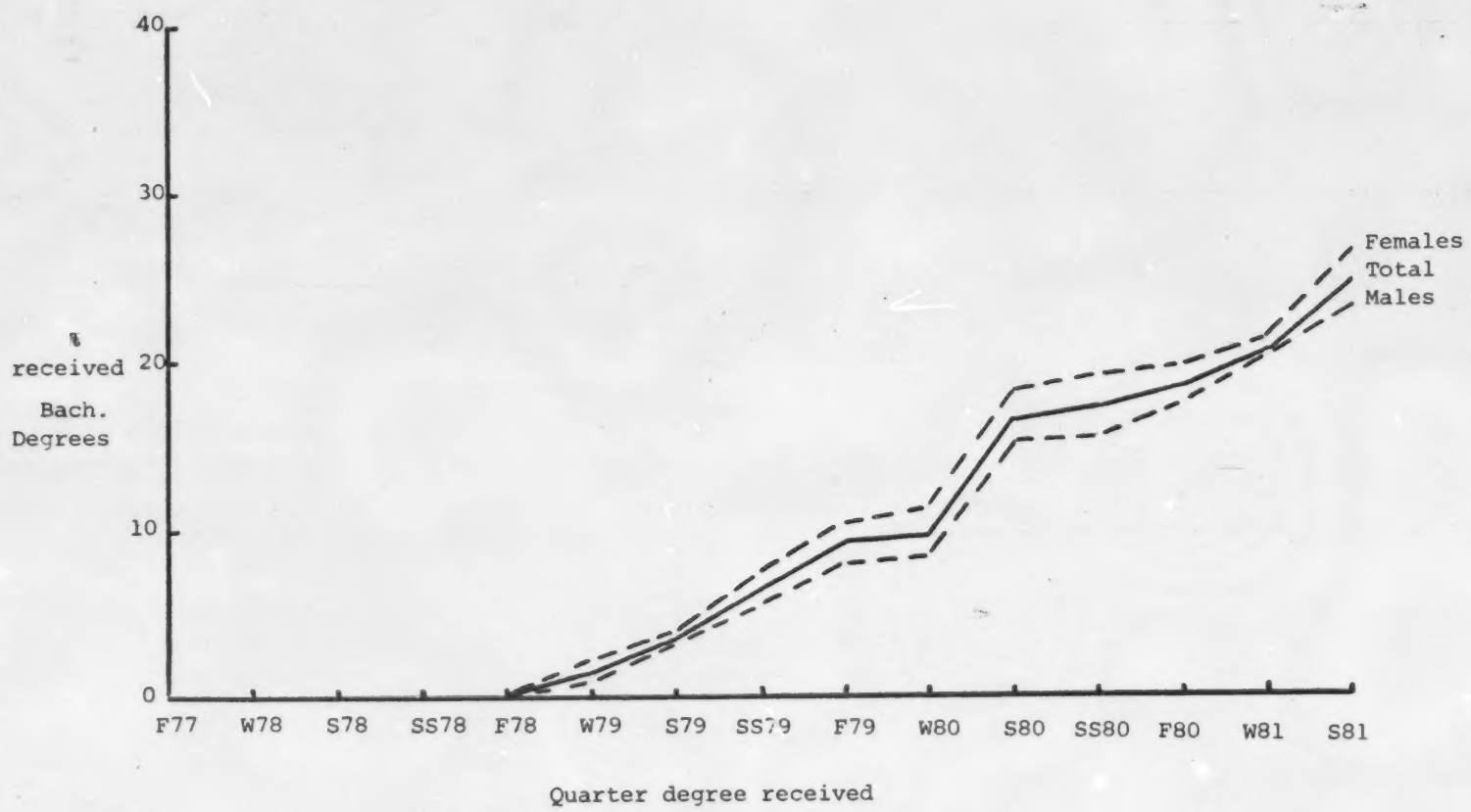


FIGURE 7 - Bachelors Degrees Awarded at CSULA to Fall 1977 Transfers from LACC (in percent), N=386



DISCUSSION AND CONCLUSIONS

This study investigates persistence at CSULA of LACC students who transferred to that institution in Fall 1977. Methods of the study included identifying Fall 1977 transfers in the batches of grade reports sent each quarter to LACC by CSULA (grade reports for all students from LACC in attendance for the particular quarter) and identifying those who obtained a Bachelor's degree by comparing the names with those in the 1978, 1979, 1980 and 1981 CSULA Commencement programs. Both of these techniques allow for errors in one direction only (i.e. some names could be missed but none added) and thus figures reported as persistence and/or graduation rates are possibly lower than the true ones. Unfortunately, more sophisticated methods of identifying persisters and graduates were not available for this effort. Nonetheless, the effort produced some useful information not obtained previously. Highlights of these findings are presented in the following observations.

(1) 386 students transferred from LACC to CSULA in Fall 1977. Three years later (Spring 1980) 90 (24%) of these students were still in attendance. Percents registering for each of the eight quarters (after Fall 1977) were 68% (W78), 60% (S78), 54% (F78), 45% (W79), 41% (S78), 31% (F79), 27% (W80), and 24% (S80). Almost a third of the students dropped between the first and second quarter, a rate almost double that for any other two successive quarters.

(2) By Spring 1979, (2 years after transfer) 14 students (4% of the original 386) had received the Bachelor's degree. By Spring 1980, the number had risen to 64 (17%), and by Spring 1981 to 96 (25%).

(3) Bachelor's degrees were awarded for 31 different majors in five schools. Most frequently awarded were degrees in Business, followed by Psychology, Child Development, Liberal Studies, and Criminal Justice. 52% of the degrees were awarded to females, who constituted 48% of the original 386 transfers.

(4) Quarter Grade Point Averages rose from 2.30 in Fall 1977 to 2.61 in Fall 1978, they remained within .07 of that figure for the remaining five quarters.

(5) Students with majors in the School of Business and Economics had average GPA's significantly below those in other schools for the first two years, with the gap closing somewhat during the third year.

Previous studies have presented evidence that a very small fraction of the students who enter LACC fits the stereotype of the "typical" community college student, i.e., one who enters, stays two years, obtains an AA degree then either transfers or goes to work in the vocational area in which he or she trained. This fact has recently been documented statewide in the Sheldon/Hunter Statewide Longitudinal Study.

This study indicates that the picture of a 4 year college student who transferred from a community college, stays two years at the senior college, obtaining a Bachelor's Degree is also a highly inaccurate one. After two years at CSULA, only 4% of the Fall 1977 LACC transfers had obtained a bachelor's degree. Two years later (or 4 years after transfer), that percentage had increased to 25%, six times the figure after 2 years.

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